

AWARD/CONTRACT		1. This Contract Is A Rated Order Under DPAS (15 CFR 700)		Rating DOA4	Page 1 Of 26		
2. Contract (Proc. Inst. Ident) No. DAAE07-03-C-T015		3. Effective Date 2003MAR26		4. Requisition/Purchase Request/Project No. SEE SCHEDULE			
5. Issued By TACOM AMSTA-AQ-ADB CATHERINE BASTIAN (586)574-6950 WARREN, MICHIGAN 48397-5000 HTTP://CONTRACTING.TACOM.ARMY.MIL e-mail address: BASTIANC@TACOM.ARMY.MIL		Code W56HZV	6. Administered By (If Other Than Item 5) Code S4402A DCMA DALLAS 1200 MAIN ST DALLAS, TX 75202-4399 SCD B PAS NONE ADP PT HQ0339				
7. Name And Address Of Contractor (No. Street, City, County, State, And Zip Code) AMERICAN FUEL CELL AND COATED FABRICS CO 601 FIRESTONE DR P O BOX 887 MAGNOLIA AR 71753 TYPE BUSINESS: Large Business Performing in U.S.			8. Delivery <input checked="" type="checkbox"/> FOB Origin <input type="checkbox"/> Other (See Below)				
			9. Discount For Prompt Payment Net 30 Days				
Code 05476 Facility Code			10. Submit Invoices (4 Copies Unless Otherwise Specified)		Item 12		
11. Ship To/Mark For Code SEE SCHEDULE			12. Payment Will Be Made By Code HQ0339 DFAS - COLUMBUS CENTER DFAS-CO/WEST ENTITLEMENT OPERATIONS P.O. BOX 182381 COLUMBUS, OH 43218-2381				
13. Authority For Using Other Than Full And Open Competition: <input type="checkbox"/> 10 U.S.C. 2304(c)() <input type="checkbox"/> 41 U.S.C. 253(c)()			14. Accounting And Appropriation Data ACRN: AA 97 X4930AC9D 6D 26KB S20113 W56HZV				
15A. Item No. SEE SCHEDULE	15B. Schedule Of Supplies/Services CONTRACT TYPE: Firm-Fixed-Price	15C. Quantity	15D. Unit	15E. Unit Price	15F. Amount		
KIND OF CONTRACT: Supply Contracts and Priced Orders							
15G. Total Amount Of Contract					\$557,172.00		
16. Table Of Contents							
(X)	Section	Description	Page(s)	(X)	Section	Description	Page(s)
Part I - The Schedule				Part II - Contract Clauses			
X	A	Solicitation/Contract Form	1	X	I	Contract Clauses	20
X	B	Supplies or Services and Prices/Costs	5	Part III - List Of Documents, Exhibits, And Other Attachments			
X	C	Description/Specs./Work Statement	9	X	J	List of Attachments	26
X	D	Packaging and Marking	10	Part IV - Representations And Instructions			
X	E	Inspection and Acceptance	11		K	Representations, Certifications, and Other Statements of Offerors	
X	F	Deliveries or Performance	15				
X	G	Contract Administration Data	17		L	Instrs., Conds., and Notices to Offerors	
X	H	Special Contract Requirements	18		M	Evaluation Factors for Award	
Contracting Officer Will Complete Item 17 Or 18 As Applicable							
17. <input checked="" type="checkbox"/> Contractor's Negotiated Agreement (Contractor is required to sign this document and return 2 signed copies to issuing office.) Contractor agrees to furnish and deliver all items or perform all the services set forth or otherwise identified above and on any continuation sheets for the consideration stated herein. The rights and obligations of the parties to this contract shall be subject to and governed by the following documents: (a) this award/contract, (b) the solicitation, if any, and (c) such provisions, representations, certifications, and specifications, as are attached or incorporated by reference herein. (Attachments are listed herein.)				18. <input type="checkbox"/> Award (Contractor is not required to sign this document.) Your offer on Solicitation Number _____ including the additions or changes made by you which additions or changes are set forth in full above, is hereby accepted as to the items listed above and on any continuation sheets. This award consummates the contract which consists of the following documents: (a) the Government's solicitation and your offer, and (b) this award/contract. No further contractual document is necessary.			
19A. Name And Title Of Signer (Type Or Print)				20A. Name Of Contracting Officer JAMES E. NELSON NELSONJ@TACOM.ARMY.MIL (586)574-5258			
19B. Name of Contractor		19c. Date Signed		20B. United States Of America		20C. Date Signed	
By _____ (Signature of person authorized to sign)				By _____ /SIGNED/ (Signature of Contracting Officer)		2003MAR26	
NSN 7540-01-152-8069 PREVIOUS EDITIONS UNUSABLE				25-106 GPO : 1985 0 - 478-632			
				Standard Form 26 (Rev. 4-85) Prescribed By GSA-FAR (4.8 CFR) 53.214(a)			

Name of Offeror or Contractor: AMERICAN FUEL CELL AND COATED

SECTION A - SUPPLEMENTAL INFORMATION
NOTES: FOR THIS PROCURMENT ONLY.

1. SUBJECT CONTRACTOR SHALL PROVIDE TOP ASSEMBLY DRAWING DEFINING ARMY CONFIGURATION OF 500 GALLON CAPACITY, WITH TWO, 2-INCH FILLER/DISCHARGE. UPON ACCEPTANCE AND APPROVAL OF TOP ASSEMBLY DRAWING BY GOVERNMENT, A NATIONAL STOCK NUMBER WILL BE PROVIDED TO THE CONTRACTOR FOR APPLICATION TO PRODUCTION TANK ASSEMBLIES. DATA PLATE WILL HAVE THIS NSN APPLIED TO BEFORE SHIPMENT.

2. MR. LARRY TURNIPSEED AND TIM LEE, USA TACOM ENGINEERS, HAS AUTHORIZED PARTIAL WAIVER OF FIRST ARTICLE TEST FOR THIS PROCUREMENT ONLY. THEREFORE, DUE TO UPGRADES OF THE SPECIFICATION FOUR TESTS WILL BE REQUIRED FOR SAID CONTRACTOR TO SUCCESSFULLY PASS UNDER THE PARTIAL FIRST ARTICLE TEST.

THEY ARE AS FOLLOWS FROM ATPD-2295:

- A. THE PUNCTURE RESISTANCE TEST AS SPECIFIED IN 4.6.8.
- B. THE DROP TEST AS SPECIFIED IN 4.6.15.
- C. THE ROLLING TOW TEST AS SPECIFIED IN 4.6.16.
- D. TRANSPORTABILITY TEST AS SPECIFIED IN 4.6.19.

ADDITIONALLY, IT HAS BEEN AUTHORIZED TO ALLOW SUBJECT CONTRACTOR TO USE UP TO FOUR DRUMS TO CONDUCT THE PARTIAL FIRST ARTICLE TEST. THUS, WOULD ALLOW TESTS TO BE RUN IN PARALLEL AND SHORTEN THE DURATION OF TESTING. ONE OF THE FOUR DRUMS SHALL BE KEPT AS AN EXHIBIT FOR THE PRODUCTION RUN. THE OTHER DRUMS MAY BE REFURBISHED FOR DELIVERABLE ITEM CONSIDERATION.

3. IN REGARDS TO AUTHORIZATION FOR "PARTIAL WAIVER F.A.T.", PARA 2. SUBEJCT CONTRACTOR HAS REVISED THE PROPOSED DELIVERY SCHEDULE FOR SAID ITEMS: F.A.T. 150 DARO AND PRODUCTIONS QTY'S TO BEGIN 180 DARO @ 20 EACH PER MONTH UNTIL CONTRACT IS COMPLETE.

4. ACCELERATION OF PERFORMANCE IN FIRST ARTICLE TEST AND/OR OF SHIPMENTS UNDER THIS ORDER IS ACCEPTABLE IF AT NO ADDITIONAL COST TO THE GOVERNMENT.

5. SUBJECT CONTRACTOR HAS AUTHORIZATION TO MAKE PARTIAL SHIPMENTS AND TO RECEIVE PARTIAL PAYMENTS.

*** END OF NARRATIVE A 002 ***

1. THE PURPOSE OF THIS AMENDMENT IS TO CLARIFY AND CORRECT ADMINSTRATIVE ERRORS FOUND IN IDENTIFICATION TO SPECIFICATION NUMBER AND FIRST ARTICLE TEST UNITS.

- A. DESCRIPTION OF ITEM FOR THIS SOLICITATION:
PER ATPD 2295, DTD 28 FEB 2001,
CLASS I, TYPE 1, 500 GALLON WATER,
NSN 8110-01-482-9792.

- B. FIRST ARTICLE TEST UNITS IS CHANGED FROM 3 EA TO 2 EA.

FIRST ARTICLE TEST IS TO BE COMPLETED AND SUBMITTED TO
LOCAL DCMA OFFICE FOR REVIEW IN THE TOTAL TIME OF 120 DARO.

NOTE: 30 DAYS THAT IS ALREADY FACTORED IN THE ABOVE 120 DARO,
WILL BE SET ASIDE FOR GOVERNEMNT REVIEW OF F.A.T. REPORT
FOR APPROVAL/DISAPPROVAL.

*** END OF NARRATIVE A 003 ***

	Regulatory Cite	Title	Date
A-1	52.204-4850 (TACOM)	ACCEPTANCE APPENDIX	FEB/2002

(a) Contract Number DAAE0703CT015 is awarded to AMERICAN FUEL CELL AND COATED FABRICS CO. The Government accepts your proposal dated 05 DEC 02 and 14 Feb 03, (reduced cost based on Approvalin Partial Waiver of FAT)in response to Solicitation Number: DAAE07-

<p align="center">CONTINUATION SHEET</p>	<p align="center">Reference No. of Document Being Continued</p> <p align="center">PIIN/SIIN DAAE07-03-C-T015 MOD/AMD</p>	<p align="right">Page 3 of 26</p>
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Name of Offeror or Contractor: AMERICAN FUEL CELL AND COATED

03RT010 , signed by LAURI JAMES, GOV'T SALES.

(b) The contractor, in it's proposal, provided the following data for the listed clauses in this contract:

Section E, 52.246-4025, HIGHER-LEVEL CONTRACT QUALITY REQUIREMENT -- TACOM QUALITY SYSTEM REQUIREMENT: ISO 9001; 2000

Section E, 52.246-4028, INSPECTION POINT:ORIGIN (AMFUEL, 601 FIRESTONE DRIVE, MAGNOLIA, AR 71753-0887)

Shipping Characteristics: SPI AK14829792 MILITARY PACKAGING, PACKAGING LEVEL A

(c) Any attachments not included with this document will be provided by TACOM-Warren directly to the administrative contracting officer (ACO) via e-mail. A hard copy of the award will be sent to those ACOs not EDW (Electronic Document Workflow) capable. Technical data packages will be mailed by TACOM-Warren to the ACO on CD-ROM. Within one week of this award, any office not able to obtain these attachments from TACOM's website (<http://contracting.tacom.army.mil/>) and still requiring a copy, can request it by sending an e-mail message to the buyer listed on the front page of this contract.

CATHERINE BASTIAN bastianc@tacom.army.mil

(d) The following Amendment(s) to the solicitation are incorporated into this contract: 0002.

(e) American Fuel Cell and Coated Fabrics Company, Subcontracting Plan, dated 2003 Jan 14, for this is hereby approved and incorporated into the contract by reference.

[End of Clause]

A-2 TACOM DISCLOSURE OF UNIT PRICE INFORMATION DEC/2002

This constitutes notification pursuant to Executive Order 12600, Pre-Disclosure Notification Procedures for Confidential Commercial Information (June 23, 1987), of our intention to release unit prices in response to any request under the Freedom of Information Act, 5 USC 552. Unit price is defined as the contract price per unit or item purchased. We consider any objection to be waived unless the contracting officer is notified of your objection to such posting prior to submission of initial proposals.

[End of notice]

A-3 52.204-4016 TACOM-WARREN ELECTRONIC CONTRACTING MAR/2001

(TACOM)

(a) TACOM is now operating in an electronic contracting environment. All TACOM solicitations and awards are now distributed on the TACOM Warren Business Opportunities web page (<http://contracting.tacom.army.mil/opportunity.htm>) and are no longer available in hard copy. The TDPs and other documents, when available electronically, will be an attachment or linked to the solicitation package on the web. Please see submission guidelines at <http://contracting.tacom.army.mil/userguide.htm> and <http://contracting.tacom.army.mil/ebidnotice.htm> for more information. Any requirements included in the solicitation take precedence over guidance found on the TACOM contracting web page.

(b) You may need to use special software to view documents that we post on the home page. This viewing software is freeware, available for download at no cost from commercial web sites like Microsoft and Adobe. In cases where such software is required, we provide a link from our page to the commercial site where the software is available. Once you arrive at the software developer's site, follow their instructions to download the free viewer. You then can return to the TACOM home page.

(c) You are required to submit your offer, bid, or quote electronically. See the provision entitled "Electronic Offers (or 'Quotes' or 'Bids') Required in Response to This Solicitation (or 'Request for Quotations')" for more specific information.

(d) Any award issued as a result of this solicitation will be distributed electronically. Awards posted on the TACOM Warren Business Opportunities web page represent complete OFFICIAL copies of contract awards.

(e) If you have questions or need help in using the Acquisition Center Home Page, call our Electronic Contracting Help Desk at (586) 574-7059, or send an email message to: acqcenweb@tacom.army.mil

(f) If you have questions about the content of any specific item posted on our home page, please call the buyer or point of contact listed for the item. Additional help is available to small businesses from Government-funded Electronic Commerce Regional Centers (ECRCs) to implement EDI. Information on ECRC is available at <http://www.ecrc.ctc.com>

[End of Clause]

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A-4 52.204-4232 PUBLIC ACTIVITY INVOLVEMENT DEC/2002

Subcontract opportunities under this solicitation and any resulting contracts are open to competition between Department of Defense activities and private firms. In addition, Army Industrial Facilities are available to sell manufactured articles or to perform work at such Facilities on behalf of Offerors, in certain circumstances and as permitted by law. Rock Island Arsenal, Watervliet Arsenal, Anniston Army Depot, Sierra Army Depot, and Red River Army Depot have expressed interest in securing subcontracting opportunities under this RFP. For information related to the capabilities of these facilities, and Points of Contact, see www.gsie.army.mil

[End of Notice]

Name of Offeror or Contractor: AMERICAN FUEL CELL AND COATED

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT																					
	SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS																									
0001	NSN: 8110-01-482-9792 FSCM: 19207 PART NR: ATPD 2295 CLASS I, TYPE I SECURITY CLASS: Unclassified																									
0001AA	<u>PRODUCTION QUANTITY</u> NOUN: DRUM,FABRIC,COLLAPS PRON: EH284752EH PRON AMD: 02 ACRN: AA AMS CD: 060011 PLEASE SEE NOTES IN PIIN NARRATIVE A002, BEFORE SHIPMENT OF MATERIAL PARTS. (End of narrative B001) <u>Description/Specs./Work Statement</u> TOP DRAWING NR: ATPD 2295 DATE: 28-FEB-2001 MARKING OF EXTERIOR PACK TO BE SHOWN IN ACCORDANCE WITH MILSTD 129. (End of narrative D001) <u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS: SPI AK14829792 UNIT PACK: 1 INTERMEDIATE PACK: 0 LEVEL PRESERVATION: Military LEVEL PACKING: A <u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Origin <u>Deliveries or Performance</u> DOC SUPPL <table><tr><td><u>REL CD</u></td><td><u>MILSTRIP</u></td><td><u>ADDR</u></td><td><u>SIG CD</u></td><td><u>MARK FOR</u></td><td><u>TP CD</u></td></tr><tr><td>001</td><td>W56HZV22131735</td><td>W45G19</td><td>J</td><td></td><td>2</td></tr></table> <table><tr><td><u>DEL REL CD</u></td><td><u>QUANTITY</u></td><td><u>DEL DATE</u></td></tr><tr><td>001</td><td>20</td><td>30-SEP-2003</td></tr><tr><td>002</td><td>3</td><td>31-OCT-2003</td></tr></table> FOB POINT: Origin SHIP TO: <u>PARCEL POST ADDRESS</u> (W45G19) SR W390 RED RIVER MUNITIONS CTR HIGHWAY 82 WEST CL V	<u>REL CD</u>	<u>MILSTRIP</u>	<u>ADDR</u>	<u>SIG CD</u>	<u>MARK FOR</u>	<u>TP CD</u>	001	W56HZV22131735	W45G19	J		2	<u>DEL REL CD</u>	<u>QUANTITY</u>	<u>DEL DATE</u>	001	20	30-SEP-2003	002	3	31-OCT-2003	68	EA	\$ 2,814.00000	\$ 191,352.00
<u>REL CD</u>	<u>MILSTRIP</u>	<u>ADDR</u>	<u>SIG CD</u>	<u>MARK FOR</u>	<u>TP CD</u>																					
001	W56HZV22131735	W45G19	J		2																					
<u>DEL REL CD</u>	<u>QUANTITY</u>	<u>DEL DATE</u>																								
001	20	30-SEP-2003																								
002	3	31-OCT-2003																								

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Name of Offeror or Contractor: AMERICAN FUEL CELL AND COATED

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001AB	GATE 44 BLDG 184 TEXARKANA TX 75507-5000				
	DOC SUPPL				
	REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD				
	002 W56HZV22131736 W62G2T J 2				
	DEL REL CD QUANTITY DEL DATE				
	001 17 31-OCT-2003				
	002 20 28-NOV-2003				
	003 8 31-DEC-2003				
	FOB POINT: Origin				
	SHIP TO: FREIGHT ADDRESS (W62G2T) XU DEF DIST DEPOT SAN JOAQUIN 25600 S CHRISMAN ROAD REC WHSE 10 PH 209 839 4307 TRACY CA 95376-5000				
	DATA ITEM	1	LO	\$ ** NSP **	\$ ** NSP **
	NOUN: FIRST ARTICLE TEST				
	FIRST ARTICLE APPROVAL AND TEST REPORT, PURSUANT TO THE REQUIREMENTS OF THE PROVISION ENTITLED "FIRST ARTICLE APPROVAL - CONTRACTOR TESTING" SEE SECTION E-4.				
	THE PRICE FOR FIRST ARTICLE TESTING IN THE AMOUNT OF \$_____, IS INCLUDED IN THE UNIT PRICE(S) AND TOTAL AMOUNT(S) FOR ITEM 0001AA.				
	(End of narrative C001)				
Packaging and Marking					
Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin					
Deliveries or Performance					
DOC SUPPL					
REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD					
001 3					
DEL REL CD QUANTITY DEL DATE					
001 1 01-SEP-2003					

Name of Offeror or Contractor: AMERICAN FUEL CELL AND COATED

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	FOB POINT: Origin SHIP TO: <u>PARCEL POST ADDRESS</u> (000011) SEE CLAUSE IN SECTION E OR I FOR DISTRIBUTION				
0002	NSN: 8110-01-482-9792 FSCM: 19207 PART NR: ATPD 2295 CLASS I, TYPE 1 SECURITY CLASS: Unclassified				
0002AA	<u>PRODUCTION QUANTITY</u> NOUN: DRUM,FABRIC,COLLAPS PRON: EH283919EH PRON AMD: 02 ACRN: AA AMS CD: 060011 PLEASE SEE NOTES IN PIIN NARRATIVE A002, BEFORE SHIPMENT OF MATERIAL PARTS. (End of narrative B001) <u>Description/Specs./Work Statement</u> TOP DRAWING NR: ATPD 2295 DATE: 28-FEB-2001 <u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS: SPI AK14829792 UNIT PACK: 1 INTERMEDIATE PACK: 0 LEVEL PRESERVATION: Military LEVEL PACKING: A MARKING OF EXTERIOR PACK TO BE SHOWN IN ACCORDANCE WITH MILSTD 129. (End of narrative D001) <u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Origin <u>Deliveries or Performance</u> DOC SUPPL <u>REL CD</u> <u>MILSTRIP</u> <u>ADDR</u> <u>SIG CD</u> <u>MARK FOR</u> <u>TP CD</u> 001 W56HZV13043669 W45G19 J 2 <u>DEL REL CD</u> <u>QUANTITY</u> <u>DEL DATE</u> 001 12 31-DEC-2003	130	EA	\$ 2,814.00000	\$ 365,820.00

Name of Offeror or Contractor: AMERICAN FUEL CELL AND COATED

ITEM NO	SUPPLIES/SERVICES			QUANTITY	UNIT	UNIT PRICE	AMOUNT
	002	20	30-JAN-2004				
	003	20	02-MAR-2004				
	004	18	31-MAR-2004				
	FOB POINT: Origin						
	SHIP TO: <u>PARCEL POST ADDRESS</u> (W45G19) SR W390 RED RIVER MUNITIONS CTR HIGHWAY 82 WEST CL V GATE 44 BLDG 184 TEXARKANA TX 75507-5000						
	DOC SUPPL						
	<u>REL CD</u>	<u>MILSTRIP</u>	<u>ADDR</u>	<u>SIG CD</u>	<u>MARK FOR</u>	<u>TP CD</u>	
	002	W56HZV13043670	W62G2T	J		2	
	<u>DEL REL CD</u>	<u>QUANTITY</u>	<u>DEL DATE</u>				
	001	2	31-MAR-2004				
	002	20	30-APR-2004				
	003	20	31-MAY-2004				
	004	18	30-JUN-2004				
	FOB POINT: Origin						
	SHIP TO: <u>FREIGHT ADDRESS</u> (W62G2T) XU DEF DIST DEPOT SAN JOAQUIN 25600 S CHRISMAN ROAD REC WHSE 10 PH 209 839 4307 TRACY CA 95376-5000						

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SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

	Regulatory Cite	Title	Date
C-1	52.246-4053 (TACOM)	USE OF MIL-STD 1916	JAN/2001

The Government will not accept lots whose samples submitted for acceptance contain nonconformances unless appropriately documented and approved by the contracting officer. The contractor shall use MIL-STD-1916, DOD Preferred Methods of Acceptance of Product. The Verification Level (VL) shall be VL IV for major characteristics and VL II for minor characteristics. MIL-HDBK-1916 provides guidance on the use of MIL-STD 1916. This handbook is not contractually binding.

[End of Clause]

SECTION D - PACKAGING AND MARKING

	Regulatory Cite	Title	Date
D-1	52.211-4026 (TACOM)	PRESERVATION, PACKAGING, AND PACKING REQUIREMENTS	APR/1999
(a) <u>Packaging</u> shall be in accordance with the following:			
	PACKAGING STD, CLIN SPI, OR SPEC. NO.	REV DATED PRESERVATION LEVEL	PACKING LEVEL MARKING
	0001AA AND 0002AA SPI AK14829792	2002 JUN 20 MILITARY	A MIL-STD-129

NOTE 1: Whenever the preservation or packing level indicated above is A or B, a packaging specification applies.

NOTE 2: If preservation and packing levels for a SUBCLIN do not indicate A, B or M, ASTM D 3951 applies.

(b) Marking: Unit Pack, intermediate container, and exterior container identification and contract data marking shall be in accordance with MIL-STD-129N and ANSI/AIM-BC 1, and per any additional markings specified in this contract.

(c) Packaging and Marking Definitions:

(1) The term PACKAGING is the processes and procedures used to protect material from deterioration, damage, or both. It includes cleaning, drying, preserving, packing, marking, and unitizing.

(2) The term PACKING is the assembly of items into unit packs and intermediate or exterior containers, with the necessary blocking, bracing, cushioning, weatherproofing, reinforcement, and marking.

(3) The term PRESERVATION is the application of protective measures, including cleaning, drying, preservative materials, barrier materials, cushioning, and containers, when necessary. Military methods of preservation are defined in MIL-STD-2073.

(4) The term MARKING is the application of numbers, letters, labels, tags, symbols, or colors to provide identification and to expedite handling during shipment and storage.

(5) For purposes of preservation and packing, unit and intermediate quantities are to be considered as each unless otherwise specified.

(6) Copies of the specifications referred to in Special Packaging Instructions (SPI) for preservation, packing, and marking may be obtained from the Naval Publication and Forms Center (address in Section L of this contract--see FAR 52.211-2, entitled AVAILABILITY OF SPECIFICATIONS LISTED IN THE DOD INDEX OF SPECIFICATIONS AND STANDARDS). In case of a conflict between the general specification and the repair parts Special Packaging Instruction, the latter shall take precedence.

[End of Clause]

D-2	52.247-4016 (TACOM)	HEAT TREATMENT AND MARKING OF WOOD PACKAGING MATERIALS	JUL/2002
ALL NON-MANUFACTURED WOOD USED IN PACKAGING SHALL BE HEAT TREATED TO A CORE TEMPERATURE OF 56 DEGREES CELSIUS FOR A MINIMUM OF 30 MINUTES. THE BOX/PALLET MANUFACTURER AND THE MANUFACTURER OF WOOD USED AS INNER PACKAGING SHALL BE AFFILIATED WITH AN INSPECTION AGENCY ACCREDITED BY THE BOARD OF REVIEW OF THE AMERICAN LUMBER STANDARD COMMITTEE. THE BOX/PALLET MANUFACTURER AND THE MANUFACTURER OF WOOD USED AS INNER PACKAGING SHALL ENSURE TRACEBILITY TO THE ORIGINAL SOURCE OF HEAT TREATMENT. EACH BOX/PALLET SHALL BE MARKED TO SHOW THE CONFORMANCE TO THE INTERNATIONAL PLANT PROTECTION CONVENTION STANDARD. BOXES/PALLETS AND ANY WOOD USED AS INNER PACKAGING MADE OF NON-MANUFACTURED WOOD SHALL BE HEAT TREATED. THE QUALITY MARK SHALL BE PLACED ON BOTH ENDS OF THE OUTER PACKAGING, BETWEEN THE END CLEATS OR END BATTENS; ON TWO SIDES OF THE PALLET.			

[End of Clause]

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SECTION E - INSPECTION AND ACCEPTANCE

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
E-1	52.246-2	INSPECTION OF SUPPLIES--FIXED-PRICE	AUG/1996
E-2	52.246-16	RESPONSIBILITY FOR SUPPLIES	APR/1984
E-3	52.209-3 (ALT I)	FIRST ARTICLE APPROVAL--CONTRACTOR TESTING (ALTERNATE I (JAN 1997))	SEP/1989

(a) The Contractor shall test 2 unit(s) of Contract Line Item 0001aa as specified in this contract. At least 30 calendar days before the beginning of first article tests, the Contractor shall notify the Contracting Officer, in writing, of the time and location of the testing so that the Government may witness the tests.

(b) The Contractor shall submit the first article test report within 120 calendar days from the date of this contract, or if the DESIRED DELIVERY SCHEDULE clause is in section F, as specified in that clause, or as otherwise proposed by the contractor and accepted by the Government to: ADMINSTRATIVE CONTRACTING OFFICER (ACO)

Marked FIRST ARTICLE TEST REPORT: Contract No. _____; Contract Line Item Number _____.

Within 30 calendar days after the Government receives the test report, the Contracting Officer shall notify the Contractor, in writing, of the conditional approval, approval, or disapproval of the first article. The notice of conditional approval or approval shall not relieve the Contractor from complying with all requirements of the specifications and all other terms and conditions of this contract. A notice of conditional approval shall state any further action required of the Contractor. A notice of disapproval shall cite reasons for the disapproval.

(c) If the first article is disapproved, the Contractor, upon Government request, shall repeat any or all first article tests. After each request for additional tests, the Contractor shall make any necessary changes, modifications, or repairs to the first article or select another first article for testing. All costs related to these tests are to be borne by the Contractor, including any and all costs for additional tests following a disapproval. The Contractor shall then conduct the tests and deliver another report to the Government under the terms and conditions and within the time specified by the Government. The Government shall take action on this report within the time specified in paragraph (b) above. The Government reserves the right to require an equitable adjustment of the contract price for any extension of the delivery schedule, or for any additional costs to the Government related to these tests.

(d) If the Contractor fails to deliver any first article report on time, or the Contracting Officer disapproves any first article, the Contractor shall be deemed to have failed to make delivery within the meaning of the DEFAULT clause of this contract.

(e) Unless otherwise provided in the contract, and if the approved first article is not consumed or destroyed in testing, the Contractor may deliver the approved first article as part of the contract quantity if it meets all contract requirements for acceptance.

(f) If the Government does not act within the time specified in paragraph (b) or (c) above, the Contracting Officer shall, upon timely written request from the Contractor, equitably adjust under the CHANGES clause of this contract the delivery or performance dates and/or the contract price, and any other contractual term affected by the delay.

(g) Before first article approval, the acquisition of materials or components for, or the commencement of production of, the balance of the contract quantity is at the sole risk of the Contractor. Before first article approval, the costs thereof shall not be allocable to this contract for (1) progress payments, or (2) termination settlements if the contract is terminated for the convenience of the Government.

(h) The Government may waive the requirement for first article approval test where supplies identical or similar to those called for in the schedule have been previously furnished by the offeror/contractor and have been accepted by the Government. The offeror/contractor may request a waiver.

(i) The Contractor shall produce both the first article and the production quantity at the same facility.

[End of Clause]

E-4	52.209-4000 (TACOM)	NOTICE REGARDING FIRST ARTICLE TEST SAMPLE	MAR/2000
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(a) The approved first article items, as described elsewhere in this contract, consist of a quantity of 2 that will be consumed or destroyed in testing. Any items consumed or destroyed in testing shall not be delivered as part of the contractually required quantity as set forth in the schedule. The cost of any items that are consumed or destroyed shall be included in the overall offer or contract price. A quantity of 1 that successfully passes all specified tests, less the destructive tests, if any, SHALL serve as a manufacturing standard for the remainder of the contract.

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(b) A manufacturing standard is an item, which conforms to all technical performance requirements. A manufacturing standard will serve as 1) an aid in identifying configuration changes not controlled by the contractual design. 2) as an aid in identifying any process changes, or 3) as the approved workmanship sample, when required, unless alternate samples are submitted for specific characteristics by the Contractor and approved by the Government.

(c) The manufacturing standard will only be used to supplement contractual acceptance/rejection criteria for those process characteristics that require approved workmanship samples. For other characteristics, if configuration or process changes are identified in production units, the contractor will notify the contracting officer for disposition. Manufacturing items that serve as a manufacturing standard may be delivered as part of the contractual quantity with the last shipment made under this contract provided it meets all contractual requirements existing at time of delivery.

[End of Clause]

E-5	52.209-4012	NOTICE REGARDING FIRST ARTICLE	APR/2000
	(TACOM)		

(a) Notwithstanding the provisions for waiver of first article, an additional first article sample (or portion thereof) may be ordered by the Contracting Officer in writing when (i) a major change is made to the technical data, (ii) whenever there is a lapse in production for a period in excess of one year, or (iii) whenever a change occurs in place of performance, manufacturing process, material used, drawing, specification or source of supply.

(b) When any of the conditions above occurs, the Contractor shall notify the Contracting Officer so that a determination can be made concerning the need for the additional first article sample (or portion thereof), and instructions can be provided concerning the submission, inspection, and notification of results.

(c) Costs of any additional testing and inspection resulting from conditions specified above shall be borne by the Contractor, unless the change was directed by the Government. Further, any production delays caused by additional testing and inspection will not be the basis for an excusable delay as defined in the default clause of this contract. Such delays shall not form the basis for adjustment in contract price or delivery schedule.

[End of Clause]

E-6	52.246-4024	SUBSTITUTING COMMERCIAL TEST RESULTS FOR REQUIRED CONTRACT TESTS	APR/2000
	(TACOM)		

(a) GENERAL. At your request, we may delete all or some of the Government or contractor conducted tests required by this contract or order, under the following conditions:

- (1) You have (or your supplier has) previously supplied the identical item to us and we've accepted it, or:
- (2) You have commercial test reports, performance data, analytical data, or vendor reports demonstrating that the item you will be furnishing us meets the contract requirements.

(b) HOW TO SUBMIT A TEST-DELETION REQUEST.

(1) BEFORE CONTRACT AWARD - Submit your request along with your offer in response to our solicitation. Make sure that your offer includes an alternate price (that reflects how your offered price would change if we approve your request to delete the specified tests). If we approve your request to delete test requirements or substitute commercial testing procedures, we will evaluate your offer at the alternate price submitted with your request. If you don't submit an alternate price with your request, we'll evaluate your offer at the price you indicated in the Schedule. No adjustments will be made to the price after contract award.

(2) AFTER CONTRACT AWARD - Send your request to the buyer identified on the face page of the contract within 45 days after contract award.

- (3) ALL REQUESTS MUST -
 - identify the test(s) you want deleted;
 - state the basis for your request;
 - include a list of configuration changes made;
 - demonstrate that you meet the conditions in paragraph (a)(1) or (a)(2) of this clause; and
 - include an alternate price per paragraph (b)(1) above, if you make your request prior to award; or

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-- include proposed amount of equitable adjustment, if you make your request after award.

(c) SUPPORTING DATA. If we agree to delete a test or tests, you must keep the data you used to support your request for four years from the day we approved your request. You must provide us with such data if we ask for a copy.

(d) **CONTRACT ADJUSTMENT.** If we agree to delete a test or tests after contract award, we may negotiate an equitable adjustment in the contract price. Any such negotiation will be conducted using the rules given in the **CHANGES--FIXED PRICE** clause, FAR 52.243-1.

[End of Clause]

E-7	52.246-4025 (TACOM)	HIGHER-LEVEL CONTRACT QUALITY REQUIREMENT--TACOM QUALITY SYSTEM REQUIREMENT	OCT/1997
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(a) As the contractor, you shall implement and maintain a quality system that ensures the functional and physical conformity of all products or services you furnish under this contract. Your quality system shall achieve (i) defect prevention and (ii) process control, providing adequate quality controls throughout all areas of contract performance.

(b) Your quality system may be based on (i) international quality standards such as the ISO 9000 series, or (ii) military, or (iii) commercial, or (iv) national quality standards. You represent that your performance under this contract will be in accordance with your quality system, which is in compliance with:

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[ x ] ISO 9001
[ ] ISO 9002
[ ] QS 9000
[ ] ANSI/ASQ Q9001
[ ] ANSI/ASQ Q9002
[ x 2000 ] Other, specifically _____
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(Note: if you check the "Other" block because you intend to use an in-house quality system, or one based on a commercial, national, or international system not identified above, then in addition to identifying your proposed system in the space above, to the right of the word "Other," you must attach a description of this system to your offer in response to the solicitation, so that we can assess its suitability. If you receive a contract award, your proposed system will be required by the contract.)

(c) Certification of compliance or registration of the quality system you identify above, by an independent standards organization or auditor, does not need to be furnished to us under this contract. However, you may attach a copy of such certification with your offer in response to the solicitation, as proof of system compliance.

(d) At any point during contract performance, we have the right to review your quality system to assess its effectiveness in meeting contractual requirements.

[End of Clause]

E-8 52.246-4028 INSPECTION POINT: ORIGIN FEB/1994
(TACOM)

We will inspect the supplies as described elsewhere in this solicitation/contract before acceptance. Fill-in the location, contractor's or subcontractor's plant, where origin inspection will occur.

CONTRACTOR'S PLANT: _____
(Name)

AMFUEL, 601 FIRESTONE DRIVE, MAGNOLIA, AR 71753

[End of Clause]

E-9	52.246-4048 (TACOM)	DRAWINGS FOR INSPECTION	NOV/1982
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The Contractor shall make available to the Government Inspector, at the time of production inspection, legible drawings and printed specifications to which the product was manufactured. These drawings and specifications shall be annotated as to the latest revision incorporated therein. Upon completion of product inspection and acceptance by the Government Inspector, all drawings and specifications will be returned to the Contractor.

[End of Clause]

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SECTION F - DELIVERIES OR PERFORMANCE

	Regulatory Cite	Title	Date
F-1	52.242-15	STOP-WORK ORDER	AUG/1989
F-2	52.242-17	GOVERNMENT DELAY OF WORK	APR/1984
F-3	52.247-29	F.O.B. ORIGIN	JUN/1988
F-4	52.247-65	F.O.B. ORIGIN--PREPAID FREIGHT--SMALL PACKAGE SHIPMENTS	JAN/1991

(a) When authorized by the Contracting Officer, f.o.b. origin freight shipments which do not have a security classification shall move on prepaid commercial bills of lading or other shipping documents to domestic destinations, including air and water terminals. Weight of individual shipments shall be governed by carrier restrictions but shall not exceed 150 pounds by any form of commercial air or 1,000 pounds by other commercial carriers. The Government will reimburse the Contractor for reasonable freight charges.

(b) The Contractor shall annotate the commercial bill of lading as required by the clause of this contract entitled Commercial Bill of Lading Notations.

(c) The Contractor shall consolidate prepaid shipments in accordance with procedures established by the cognizant transportation office. The Contractor is authorized to combine Government prepaid shipments with the Contractor's commercial shipments for delivery to one or more consignees and the Government will reimburse its pro rata share of the total freight costs. The Contractor shall provide a copy of the commercial bill of lading promptly to each consignee. Quantities shall not be divided into mailable lots for the purpose of avoiding movement by other modes of transportation.

(d) Transportation charges will be billed as a separate item on the invoice for each shipment made. A copy of the pertinent bill of lading, shipment receipt, or freight bill shall accompany the invoice unless otherwise specified in the contract.

(e) Loss and damage claims will be processed by the Government.

[End of Clause]

F-5	52.242-4009 (TACOM)	ACCELERATED DELIVERY--NOTICE OF SHIPMENT	FEB/1998
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(a) You must send a notice of shipment in accordance with FAR 52.242-12 REPORT OF SHIPMENT when:

-- You accelerate delivery, and

-- The accelerated delivery increment exceeds 20% of this contract's total delivery quantity.

(b) This clause doesn't relieve you of any other obligations or requirements of FAR 52.242-12, or of this contract. See the specific delivery schedule clause in the Schedule of this contract (which may also be given elsewhere in this Section F) to determine if acceleration is acceptable and under what conditions.

[End of Clause]

F-6	52.247-4005 (TACOM)	SHIPMENT OF SUPPLIES AND DETENTION OF CARRIERS EQUIPMENT	FEB/2002
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(a) Unless otherwise directed, shipment items under this contract in following order of priority:

(1) Government Bill(s)/Commercial of Lading or US Postal Services;

(2) Prepaid Commercial Bill(s) of Lading with transportation charges entered as a separate item on the invoice; or

(3) As otherwise instructed when the contract prohibits use of Government funds for transportation costs.

(b) The Contractor will request:

(1) Government Bills of Lading and

(2) Routing and other instructions, including MILSTAMP (Military Standard Transportation and Movement Procedure), as to the methods of shipment to be followed by the Contractor, or

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(c) The Contractor and subcontractor(s) must allow prompt and convenient access of carrier's equipment to loading docks or platforms where the contract items supplies will be loaded. Any charges for detention of carrier's equipment shall be for the account of the Contractor, except when the detention is required or caused by the Government.

[End of Clause]

F-7	52.247-4017 (TACOM)	DEPOT ADDRESS FOR THE APPLICABLE MODE OF SHIPMENTS: IN-THE-CLEAR ADDRESSES			JAN/2001
Rail/ Motor SPLC*	MILSTRIP Address Code	Rail Ship To:	Motor Ship To:	Parcel Post Mail To:	
206721/ 209405	W25G1U	Transportation Officer Defense Dist Depot Susquehanna New Cumberland, PA	Transportation Officer Defense Dist Depot Susquehanna New Cumberland, PA	Transportation Officer Defense Dist Depot Susquehanna New Cumberland, PA	17070-5001
875670/ 875675	W62G2T	Transportation Officer XU Def Dist Depot San Joaquin 25600 S Chrisman Rd Rec Whse 10 Tracy, Ca 95376-5000	Transportation Officer XU Def Dist Depot San Joaquin 25600 S Chrisman Rd Rec Whse 10 Tracy, Ca 95376-5000	Transportation Officer Dist Depot San Joaquin P O Box 96001 Stockton, CA	95296-0130
471995/ 471996	W31G1Z	Transportation Officer Anniston Army Depot, Bynum, AL	Transportation Officer Anniston Army Depot, Bynum, AL	Transportation Officer Anniston Army Depot, Anniston, AL	36201-5021
209741/ 209770	W25G1R	Transportation Officer Letterkenny Army Depot, Culbertson, PA	Transportation Officer Letterkenny Army Depot, Chambersburg, PA	Transportation Officer Letterkenny Army Depot, Chambersburg, PA	17201-4150
661136/ 661157	W45G19	Transportation Officer Red River Army Depot, Defense, TX	Transportation Officer Red River Army Depot, Texarkana, TX	Transportation Officer Red River Army Depot, Texarkana, TX	75507-5000
764538/ 764535	W67G23	Transportation Officer Tooele Army Depot, Warner, UT	Transportation Officer Tooele Army Depot, Tooele, UT	Transportation Officer Tooele Army Depot, Tooele, UT	84074-5003

***SPLC indicates Standard Point Locator Code.

NOTE: The following is applicable only when so specified in an individual order or delivery increment:

This requirement is a depot replenishment buy, a portion of which is or may be required to fill Direct Support System (DSS) requisitions. Shipment shall be made, as specified, to one or more of:

New Cumberland Army Depot
Red River Army Depot
Sharpe Army Depot

prior to shipments to any other depots as may be designated. When more than one depot is designated for DSS shipments, priority shipments will be made equally to each of the designated destinations.

[End of Clause]

SECTION G - CONTRACT ADMINISTRATION DATA

LINE	PRON/	OBLG	JOB	ACCOUNTING	OBLIGATED
ITEM	AMS CD	ACRN STAT	ORDER	STATION	AMOUNT
0001AA	EH284752EH	AA 2 97	X4930AC9D 6D	26KB S20113	W56HZV \$ 191,352.00
060011					
0002AA	EH283919EH	AA 2 97	X4930AC9D 6D	26KB S20113	W56HZV \$ 365,820.00
060011					
				TOTAL	\$ 557,172.00

SERVICE	ACCOUNTING	OBLIGATED
NAME	STATION	AMOUNT
Army	AA 97	X4930AC9D 6D 26KB S20113 W56HZV \$ 557,172.00
	TOTAL	\$ 557,172.00

Regulatory Cite	Title	Date
G-1	52.209-4009 AMOUNT AVAILABLE FOR PROGRESS PAYMENTS BEFORE FIRST ARTICLE APPROVAL	SEP/1987
	(TACOM)	

Until the Government issues final approval of the results of first article testing, as required elsewhere in this contract, the total cost pool against which progress payments may be calculated and invoiced shall consist of the amount, if any, indicated for CLIN CLIN 0001AB, plus the product of the first article test quantity (2 unit(s)) times the contractual unit price.

[End of Clause]

G-2	52.209-4004 DELEGATION OF AUTHORITY FOR FIRST ARTICLE APPROVAL	FEB/1985
	(TACOM)	

The Administrative Contracting Officer (ACO) is delegated the authority to approve or disapprove the First Article Test Report submitted in accordance with the clause in Section 4 of this contract entitled FIRST ARTICLE APPROVAL -- CONTRACTOR TESTING (FAR 52.209-3). A copy of the test report and the ACO's letter of approval or disapproval shall be furnished through the Procuring Contracting Officer (PCO) to: Commander, US Army Tank-automotive and Armaments Command, Attn: AMSTA-TR-E, Warren, MI 48397-5000.

[End of Clause]

G-3	52.246-4045 CRITICALITY OF THE CONTRACT ITEM	AUG/1994
	(TACOM)	

The contract item has critical application. Before we formally accept the contract item, you or we must perform specific critical inspections of the supplies as the quality assurance requirements in the TDP (Technical Data Package) mandate. Reference DFARS 246.203(c).

[End of Clause]

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SECTION H - SPECIAL CONTRACT REQUIREMENTS

	Regulatory Cite	Title	Date
H-1	52.232-16	PROGRESS PAYMENTS	FEB/2002
H-2	252.205-7000	PROVISION OF INFORMATION TO COOPERATIVE AGREEMENT HOLDERS	DEC/1991
H-3	252.225-7001	BUY AMERICAN ACT AND BALANCE OF PAYMENTS PROGRAM	MAR/1998
H-4	252.225-7002	QUALIFYING COUNTRY SOURCES AS SUBCONTRACTORS	DEC/1991
H-5	252.225-7009	DUTY-FREE-ENTRY--QUALIFYING COUNTRY SUPPLIES (END PRODUCTS AND COMPONENTS)	AUG/2000
H-6	252.227-7036	DECLARATION OF TECHNICAL DATA CONFORMITY	JAN/1997
H-7	252.227-7037	VALIDATION OF RESTRICTIVE MARKINGS ON TECHNICAL DATA	SEP/1999
H-8	252.231-7000	SUPPLEMENTAL COST PRINCIPLES	DEC/1991
H-9	252.232-7004	DOD PROGRESS PAYMENT RATES	OCT/2001
H-10	252.242-7004	MATERIAL MANAGEMENT AND ACCOUNTING SYSTEM	DEC/2000
H-11	252.246-7000	MATERIAL INSPECTION AND RECEIVING REPORT	MAR/2003
H-12	252.246-7001	WARRANTY OF DATA	DEC/1991
H-13	52.204-4005 (TACOM)	REQUIRED USE OF ELECTRONIC CONTRACTING	DEC/2002

(a) All contract awards, modifications and delivery orders issued by TACOM will be issued electronically. The contractor has the option to receive these actions either via the Worldwide Web (WWW) or Electronic Data Interchange (EDI). Many provisions and clauses appear "by reference," meaning only clause titles and regulation site are listed; their full texts can be found at the website <http://farsite.hill.af.mil/>

(b) In order to be eligible to receive an award under this solicitation, the successful offeror must be registered with the Department of Defense (DOD) Central Contractor Registration (CCR). The CCR registration process may be done electronically at the World Wide Web (WWW) site: <http://www.ccr2000.com> . (In order to be registered to use EDI, you must use the long form for registration. Certification information, including information on the EDI 838 TPP, must be furnished to the Contracting Officer within 60 calendar days after contract award to complete networking requirements within the Government.)

(c) Worldwide Web Distribution. The contractor will receive an electronic Notice of the Award, Modification, or Delivery Order via e-mail. If you choose the WWW option, you must download the file from the appropriate TACOM webpage:

Warren: http://contracting.tacom.army.mil/awards_official.htm
Rock Island: <http://aais.ria.army.mil/AAIS/AWDINFO/index.htm>
Picatinny: <http://procnet.pica.army.mil/Contracts/Index.htm>
Red River Army Depot: <http://www.redriver.army.mil/contracting/Awards>
Anniston Army Depot: <http://www.anadprocnet.army.mil>

(d) Electronic Data Interchange. If you choose to receive contract awards, modifications and delivery orders through EDI, they will be delivered electronically via the Federal Acquisition Network (FACNET). Federal Standard Version 3050 of Standard X12 from the American National Standards Institute (ANSI) will be used as the format for these electronic transactions.

(1) You must complete the EDI 838 Trading Partner Profile, and must agree (i) to subcontract with a DoD certified VAN or Value Added Service (VAS) provider, or (ii) to become DoD certified as a Value Added Network (VAN). The EDI 838 Training Partner Profile is contained in the basic CCR registration form and includes portions of the registration form which are titled "Optional".

(2) You must select a VAN from the official DoD approved list. DoD Certified VANs are listed at <http://www.acq.osd.mil/ec/ecip/index.htm> . If your VAN is later removed from the official list, or if you voluntarily drop your initially selected VAN, then you must switch to a VAN that remains on the official DoD approved list. You must maintain an active account on a DoD approved VAN for the entire duration of the contract, beginning no later than the 60th day after award.

(e) Unless otherwise specified elsewhere in the contract, all data items you are required to provide under this contract must be submitted electronically. Acceptable formats include:

(1) Microsoft* 97 Office Products (TACOM can currently read OFFICE 97* and lower.): Word, Excel, Powerpoint, or Access

(2) 100 OR 250 MEGABYTE ZIP*-DISK, 3 1/2 INCH DISK, OR 650 MEGABYTE CD ROM

(3) E-MAIL (Maximum size of each e-mail message is be three and one-half (3.5) megabytes).

(4) Other electronic formats. Before submitting your data in any other electronic format, please e-mail the buyer identified on the face of the contract, with e-mail copy-furnished to amsta-idq@tacom.army.mil, to obtain a decision as to the

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format's acceptability. This e-mail must be received by the buyer not later than ten calendar days before the required data submission date.

NOTE: The above formats may be submitted in compressed form using self-extracting files.

(f) Additional information can be obtained by sending a message to: acqcenweb@tacom.army.mil or by calling (586) 574-7059.

[End of Clause]

H-14 52.246-4026 LOCAL ADDRESSES FOR DD FORM 250 MAR/2002
(TACOM)

(a) The contractor must provide a copy of each Material Inspection and Receiving Report (DD 250) pertaining to this contract, to the addresses given below, using either of the following methods:

(1) Our first preference is for you to use electronic mail (e-mail), using the following e-mail address:

DD250@tacom.army.mil

(2) Our second preference is for you to use data facsimile (datafax) transmission, using this fax number:

(586) 574-7552 and use "DD250 mailbox" in the "to:" block of your fax cover or header sheet.

In either method, do not mix DD250s from more than one contract in a single transmmission. That is, you may submit multiple DD250s in a single transmission, but they must all be against the same contract.

(b) These copies meet the requirements for the Purchasing Office copy and the Army Inventory Control Manager copy listed in tables 1 and 2 of DFARS Appendix F.

(c) The DD250 form may be found, in three different formats, on the World Wide Web at <http://webl.whs.osd.mil/icdhome/DD-0999.htm>

[End of Clause]

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SECTION I - CONTRACT CLAUSES

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this address: <http://farsite.hill.af.mil/>

[End of Clause]

	Regulatory Cite	Title	Date
I-1	52.202-1	DEFINITIONS	DEC/2001
I-2	52.203-3	GRATUITIES	APR/1984
I-3	52.203-5	COVENANT AGAINST CONTINGENT FEES	APR/1984
I-4	52.203-6	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT	JUL/1995
I-5	52.203-7	ANTI-KICKBACK PROCEDURES	JUL/1995
I-6	52.203-8	CANCELLATION, RESCISSION AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY	JAN/1997
I-7	52.203-10	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY	JAN/1997
I-8	52.203-12	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS	JUN/1997
I-9	52.204-4	PRINTING/COPYING DOUBLE-SIDED ON RECYCLED PAPER	AUG/2000
I-10	52.209-6	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT	JUL/1995
I-11	52.211-5	MATERIAL REQUIREMENTS	AUG/2000
I-12	52.211-15	DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS	SEP/1990
I-13	52.215-14	INTEGRITY OF UNIT PRICES	OCT/1997
I-14	52.219-8	UTILIZATION OF SMALL BUSINESS CONCERNS	OCT/2000
I-15	52.222-1	NOTICE TO THE GOVERNMENT OF LABOR DISPUTES	FEB/1997
I-16	52.222-4	CONTRACT WORK HOURS AND SAFETY STANDARDS ACT--OVERTIME COMPENSATION	SEP/2000
I-17	52.222-19	CHILD LABOR--COOPERATION WITH AUTHORITIES AND REMEDIES	SEP/2002
I-18	52.222-20	WALSH-HEALEY PUBLIC CONTRACTS ACT	DEC/1996
I-19	52.222-21	PROHIBITION OF SEGREGATED FACILITIES	FEB/1999
I-20	52.222-26	EQUAL OPPORTUNITY	APR/2002
I-21	52.222-35	AFFIRMATIVE ACTION FOR DISABLED VETERANS AND VETERANS OF THE VIETNAM ERA	DEC/2001
I-22	52.222-36	AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES	JUN/1998
I-23	52.222-37	EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS	DEC/2001
I-24	52.223-6	DRUG FREE WORKPLACE	MAY/2001
I-25	52.223-14	TOXIC CHEMICAL RELEASE REPORTING	OCT/2000
I-26	52.225-8	DUTY-FREE ENTRY	FEB/2000
I-27	52.225-13	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES	JUL/2000
I-28	52.227-1	AUTHORIZATION AND CONSENT	JUL/1995
I-29	52.227-2	NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT	AUG/1996
I-30	52.229-3	FEDERAL, STATE, AND LOCAL TAXES	JAN/1991
I-31	52.229-5	TAXES--CONTRACTS PERFORMED IN U.S. POSSESSIONS OR PUERTO RICO	APR/1984
I-32	52.232-1	PAYMENTS	APR/1984
I-33	52.232-8	DISCOUNTS FOR PROMPT PAYMENT	FEB/2002
I-34	52.232-9	LIMITATION ON WITHHOLDING OF PAYMENTS	APR/1984
I-35	52.232-11	EXTRAS	APR/1984
I-36	52.232-17	INTEREST	JUN/1996
I-37	52.232-23	ASSIGNMENT OF CLAIMS	JAN/1986
I-38	52.232-25	PROMPT PAYMENT	FEB/2002
I-39	52.232-33	PAYMENT BY ELECTRONIC FUNDS TRANSFER--CENTRAL CONTRACTOR REGISTRATION	MAY/1999
I-40	52.233-1	DISPUTES (ALTERNATE I, dated Dec 1991)	JUL/2002
I-41	52.233-3	PROTEST AFTER AWARD	AUG/1996
I-42	52.242-10	F.O.B. ORIGIN--GOVERNMENT BILLS OF LADING OR PREPAID POSTAGE	APR/1984
I-43	52.242-12	REPORT OF SHIPMENT (REPSHIP)	JUL/1995
I-44	52.242-13	BANKRUPTCY	JUL/1995
I-45	52.243-1	CHANGES--FIXED-PRICE	AUG/1987
I-46	52.246-23	LIMITATION OF LIABILITY	FEB/1997
I-47	52.247-1	COMMERCIAL BILL OF LADING NOTATIONS the notation set forth in paragraph (a) of the clause applies in this contract. The agency name in line one of the notation shall read:US ARMY TANK-AUTOMOTIVE & ARMAMENTS COMMAND	APR/1984
I-48	52.248-1	VALUE ENGINEERING	FEB/2000

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	Regulatory Cite	Title	Date
I-49	52.249-2	TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE)	SEP/1996
I-50	52.249-8	DEFAULT (FIXED-PRICE SUPPLY AND SERVICE)	APR/1984
I-51	52.253-1	COMPUTER GENERATED FORMS	JAN/1991
I-52	252.203-7001	PROHIBITION ON PERSONS CONVICTED OF FRAUD OR OTHER DEFENSE CONTRACT-RELATED FELONIES	MAR/1999
I-53	252.204-7003	CONTROL OF GOVERNMENT PERSONNEL WORK PRODUCT	APR/1992
I-54	252.209-7000	ACQUISITION FROM SUBCONTRACTORS SUBJECT TO ON-SITE INSPECTION UNDER THE INTERMEDIATE-RANGE NUCLEAR FORCES (INF) TREATY	NOV/1995
I-55	252.209-7004	SUBCONTRACTING WITH FIRMS THAT ARE OWNED OR CONTROLLED BY THE GOVERNMENT OF A TERRORIST COUNTRY per DoD interim rule, Federal Register 27 Mar 98	MAR/1998
I-56	252.211-7005	SUBSTITUTIONS FOR MILITARY OR FEDERAL SPECIFICATIONS AND STANDARDS	OCT/2001
I-57	252.225-7012	PREFERENCE FOR CERTAIN DOMESTIC COMMODITIES	FEB/2003
I-58	252.225-7016	RESTRICTION ON ACQUISITION OF BALL AND ROLLER BEARINGS	DEC/2000
I-59	252.225-7025	RESTRICTION ON ACQUISITION OF FORGINGS	JUN/1997
I-60	252.225-7026	REPORTING OF CONTRACT PERFORMANCE OUTSIDE THE UNITED STATES	JUN/2000
I-61	252.225-7031	SECONDARY ARAB BOYCOTT OF ISRAEL	JUN/1992
I-62	252.226-7001	UTILIZATION OF INDIAN ORGANIZATIONS AND INDIAN-OWNED ECONOMIC ENTERPRISES	SEP/2001
I-63	252.227-7013	RIGHTS IN TECHNICAL DATA --NONCOMMERCIAL ITEMS	NOV/1995
I-64	252.227-7016	RIGHTS IN BID OR PROPOSAL INFORMATION	JUN/1995
I-65	252.227-7017	IDENTIFICATION AND ASSERTION OF USE, RELEASE, OR DISCLOSURE RESTRICTIONS	JUN/1995
I-66	252.227-7030	TECHNICAL DATA--WITHHOLDING OF PAYMENT	MAR/2000
I-67	252.227-7036	DECLARATION OF TECHNICAL DATA CONFORMITY	JAN/1997
I-68	252.227-7037	VALIDATION OF RESTRICTIVE MARKINGS ON TECHNICAL DATA	SEP/1999
I-69	252.242-7003	APPLICATION FOR U.S. GOVERNMENT SHIPPING DOCUMENTATION/INSTRUCTIONS	DEC/1991
I-70	252.243-7001	PRICING OF CONTRACT MODIFICATIONS	DEC/1991
I-71	252.244-7000	SUBCONTRACTS FOR COMMERCIAL ITEMS AND COMMERCIAL COMPONENTS (DoD CONTRACTS)	MAR/2000
I-72	52.223-11	OZONE-DEPLETING SUBSTANCES	MAY/2001

(a) Definition. Ozone-depleting substance, as used in this clause, means any substance the Environmental Protection Agency designates in 40 CFR part 82 as--

- (1) Class I, including, but not limited to, chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform; or
- (2) Class II, including but not limited to, hydrochlorofluorocarbons.

(b) The Contractor shall label products which contain or are manufactured with ozone-depleting substances in the manner and to the extent required by 42 U.S.C. 7671j(b), (c), and (d) and 40 CFR Part 82, Subpart E, as follows:

WARNING: Contains (or manufactured with, if applicable) _____ * _____, a substance(s) which harm(s) public health and environment by destroying ozone in the upper atmosphere.

*The Contractor shall insert the name of the substance(s).

[End of Clause]

I-73	52.244-6	SUBCONTRACTS FOR COMMERCIAL ITEMS	MAY/2002
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(a) Definitions. As used in this clause--

- (1) "Commercial item," as used in this clause, has the meaning contained in the clause at 52.202-1, Definitions.

(2) "Subcontract," as used in this clause, includes a transfer of commercial items between divisions, subsidiaries, or affiliates of the Contractor or subcontractor at any tier.

(b) To the maximum extent practicable, the Contractor shall incorporate, and require its subcontractors at all tiers to incorporate, commercial items or nondevelopmental items as components of items to be supplied under this contract.

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(c)

(1) The contractor shall insert the following clauses in subcontracts for commercial items:

(i) 52.219-8, Utilization of Small Business Concerns (OCT 2000)(15U.S.C. 637(d)(2) and (3)), in all subcontracts that offer subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$500,000 (\$1,000,000 for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(ii) 52.222-26, Equal Opportunity (APR 2002)(E.O. 11246);

(iii) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Dec 2001) (38 U.S.C. 4212(a));

(iv) 52.222-36, Affirmative Action for Workers with Disabilities (JUN 1998)(29 U.S.C. 793);

(v) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (JUN 2000)(46 U.S.C. 1241) (flow down not required for subcontracts awarded beginning May 1, 1996).

(2) While not required, the Contractor may flow down to subcontracts for commercial items a minimum number of additional clauses necessary to satisfy its contractual obligations.

(d) The Contractor shall include the terms of this clause, including this paragraph (d), in subcontracts awarded under this contract.

[End of Clause]

I-74 52.252-6 AUTHORIZED DEVIATIONS IN CLAUSES APR/1984

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of (DEVIATION) after the date of the clause.

(b) The use in this solicitation or contract of any DoD FAR Supplement (DFARS) (48 CFR 2) clause with an authorized deviation is indicated by the addition of (DEVIATION) after the name of the regulation.

[End of Clause]

I-75 252.204-7004 REQUIRED CENTRAL CONTRACTOR REGISTRATION MAR/2000

(a) Definitions. As used in this clause--

(1) Central Contractor Registration (CCR) database means the primary DoD repository for contractor information required for the conduct of business with DoD.

(2) Data Universal Numbering System (DUNS) number means the 9-digit number assigned by Dun and Bradstreet Information Services to identify unique business entities.

(3) Data Universal Numbering System +4 (DUNS+4) number means the DUNS number assigned by Dun and Bradstreet plus a 4-digit suffix that may be assigned by a parent (controlling) business concern. This 4-digit suffix may be assigned at the discretion of the parent business concern for such purposes as identifying subunits or affiliates of the parent business concern.

(4) Registered in the CCR database means that all mandatory information, including the DUNS number or the DUNS+4 number, if applicable, and the corresponding Commercial and Government Entity (CAGE) code, is in the CCR database; the DUNS number and the CAGE code have been validated; and all edits have been successfully completed.

(b)

(1) By submission of an offer, the offeror acknowledges the requirement that a prospective awardee must be registered in the CCR database prior to award, during performance, and through final payment of any contract resulting from this solicitation, except for awards to foreign vendors for work to be performed outside the United States.

(2) The offeror shall provide its DUNS or, if applicable, its DUNS+4 number with its offer, which will be used by the

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Contracting Officer to verify that the offeror is registered in the CCR database.

- (3) Lack of registration in the CCR database will make an offeror ineligible for award.
- (4) DoD has established a goal of registering an applicant in the CCR database within 48 hours after receipt of a complete and accurate application via the Internet. However, registration of an applicant submitting an application through a method other than the Internet may take up to 30 days. Therefore, offerors that are not registered should consider applying for registration immediately upon receipt of this solicitation.
- (c) The Contractor is responsible for the accuracy and completeness of the data within the CCR, and for any liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to confirm on an annual basis that its information in the CCR database is accurate and complete.
- (d) Offerors and contractors may obtain information on registration and annual confirmation requirements by calling 1-888-227-2423, or via the Internet at <http://www.ccr.gov>.

[End of Clause]

- I-76 252.247-7023 TRANSPORTATION OF SUPPLIES BY SEA MAY/2002
- (a) Definitions. As used in this clause--
 - (1) Components means articles, materials, and supplies incorporated directly into end products at any level of manufacture, fabrication, or assembly by the Contractor or any subcontractor.
 - (2) Department of Defense (DoD) means the Army, Navy, Air Force, Marine Corps, and defense agencies.
 - (3) Foreign flag vessel means any vessel that is not a U.S.-flag vessel.
 - (4) Ocean transportation means any transportation aboard a ship, vessel, boat, barge, or ferry through international waters.
 - (5) Subcontractor means a supplier, materialman, distributor, or vendor at any level below the prime contractor whose contractual obligation to perform results from, or is conditioned upon, award of the prime contract and who is performing any part of the work or other requirement of the prime contract. However, effective May 1, 1996, the term does not include a supplier, materialman, distributor, or vendor of commercial items or commercial components.
 - (6) Supplies means all property, except land and interests in land, that is clearly identifiable for eventual use by or owned by the DoD at the time of transportation by sea.
 - (i) An item is clearly identifiable for eventual use by the DoD if, for example, the contract documentation contains a reference to a DoD contract number or a military destination.
 - (ii) Supplies includes (but is not limited to) public works; buildings and facilities; ships; floating equipment and vessels of every character, type, and description, with parts, subassemblies, accessories, and equipment; machine tools; material; equipment; stores of all kinds; end items; construction materials; and components of the foregoing.
 - (7) U.S.-flag vessel means a vessel of the United States or belonging to the United States, including any vessel registered or having national status under the laws of the United States.

- (b)
 - (1) The Contractor shall use U.S.-flag vessels when transporting any supplies by sea under this contract.
 - (2) A subcontractor transporting supplies by sea under this contract shall use U.S.-flag vessels if-
 - (i) This contract is a construction contract; or
 - (ii) The supplies being transported are-
 - (A) Noncommercial items; or
 - (B) Commercial items that-

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(1) The Contractor is reselling or distributing to the Government without adding value (generally, the Contractor does not add value to items that it subcontracts for f.o.b. destination shipment);

(2) Are shipped in direct support of U.S. military contingency operations, exercises, or forces deployed in humanitarian or peacekeeping operations; or

(3) Are commissary or exchange cargoes transported outside of the Defense Transportation System in accordance with 10 U.S.C. 2643.

(c) The Contractor and its subcontractors may request that the Contracting Officer authorize shipment in foreign-flag vessels, or designate available U.S.-flag vessels, if the Contractor or a subcontractor believes that--

(1) U.S.-flag vessels are not available for timely shipment;

(2) The freight charges are inordinately excessive or unreasonable; or

(3) Freight charges are higher than charges to private persons for transportation of like goods.

(d) The Contractor must submit any request for use of other than U.S.-flag vessels in writing to the Contracting Officer at least 45 days prior to the sailing date necessary to meet its delivery schedules. The Contracting Officer will process requests submitted after such date(s) as expeditiously as possible, but the Contracting Officer's failure to grant approvals to meet the shipper's sailing date will not of itself constitute a compensable delay under this or any other clause of this contract. Requests shall contain at a minimum--

(1) Type, weight, and cube of cargo;

(2) Required shipping date;

(3) Special handling and discharge requirements;

(4) Loading and discharge points;

(5) Name of shipper and consignee;

(6) Prime contract number; and

(7) A documented description of efforts made to secure U.S.-flag vessels, including points of contact (with names and telephone numbers) with at least two U.S.-flag carriers contacted. Copies of telephone notes, telegraphic and facsimile message or letters will be sufficient for this purpose.

(e) The Contractor shall, within 30 days after each shipment covered by this clause, provide the Contracting Officer and the Division of National Cargo, Office of Market Development, Maritime Administration, U.S. Department of Transportation, Washington, DC 20590, one copy of the rated on board vessel operating carrier's ocean bill of lading, which shall contain the following information--

(1) Prime contract number;

(2) Name of vessel;

(3) Vessel flag of registry;

(4) Date of loading;

(5) Port of loading;

(6) Port of final discharge;

(7) Description of commodity;

(8) Gross weight in pounds and cubic feet if available;

(9) Total ocean freight in U.S. dollars; and

(10) Name of the steamship company.

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(f) The Contractor shall provide with its final invoice under this contract a representation that to the best of its knowledge and belief--

- (1) No ocean transportation was used in the performance of this contract;
- (2) Ocean transportation was used and only U.S.-flag vessels were used for all ocean shipments under the contract;
- (3) Ocean transportation was used, and the Contractor had the written consent of the Contracting Officer for all non-U.S.-flag ocean transportation; or
- (4) Ocean transportation was used and some or all of the shipments were made on non-U.S.-flag vessels without the written consent of the Contracting Officer. The Contractor shall describe these shipments in the following format:

ITEM DESCRIPTION	CONTRACT LINE ITEMS	QUANTITY	TOTAL
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(g) If the final invoice does not include the required representation, the Government will reject and return it to the Contractor as an improper invoice for the purposes of the Prompt Payment clause of this contract. In the event there has been unauthorized use of non-U.S.-flag vessels in the performance of this contract, the Contracting Officer is entitled to equitably adjust the contract, based on the unauthorized use.

(h) In the award of subcontracts for the types of supplies described in paragraph (b)(2) of this clause, the Contractor shall flow down the requirements of this clause as follows:

- (1) The Contractor shall insert the substance of this clause, including this paragraph (h) in all subcontracts that exceed the simplified acquisition threshold in Part 2 of the Federal Acquisition Regulation.
- (2) The Contractor shall insert the substance of paragraphs (a) through (e) of this clause, and this paragraph (h), in subcontracts that are at or below the simplified acquisition threshold in Part 2 of the Federal Acquisition Regulation.

[End of Clause]

I-77	52.204-4009 (TACOM)	MANDATORY USE OF CONTRACTOR TO GOVERNMENT ELECTRONIC COMMUNICATION	JUN/1999
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(a) All references in the contract to the submission of written documentation shall mean electronic submission. All electronic submissions shall be in the formats and media described in the "Electronic Quotations/Offers/Bids Required in Response to this Request for Quotations/Proposals/Bids" clause elsewhere in this document. (See Section K for commercial acquisitions, Section L for RFPs, and Section I for RFQs.)

(b) This shall include all written unclassified communications between the Government and the Contractor except contract awards and contract modifications which shall be posted on the internet. Return receipt shall be used if a commercial application is available. Classified information shall be handled in full accordance with the appropriate security requirements.

(c) In order to be contractually binding, all Government communications requiring a Contracting Officer signature must be sent from the Contracting Officer's e-mail address. The Contractor shall designate the personnel with signature authority who can contractually bind the contractor. All binding contractor communication shall be sent from this contractor e-mail address(es).

(d) Upon award, the Contractor shall provide the Contracting Officer with a list of e-mail addresses for all administrative and technical personnel assigned to this contract.

(e) Unless exempted by the Procuring Contracting Officer in writing, all unclassified written communication after contract award shall be transmitted electronically.

[End of Clause]

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SECTION J - LIST OF ATTACHMENTS

<u>List of</u> <u>Addenda</u>	<u>Title</u>	<u>Date</u>	<u>Number</u> <u>of Pages</u>	<u>Transmitted By</u>
Attachment 001	SPECIAL PACKAGING SHEETS SPI AK14829792	20-JUN-2002	002	
Attachment 002	DESCRIPTION ITEM ATPD 2295	28-FEB-2001		